

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of

James W. Cannon, et al

DISPLAY DEVICE AND METHOD  
FOR DETERMINING AN AREA OF  
IMPORTANCE IN AN ORIGINAL  
IMAGE

Serial No. To be assigned

Filed Herewith

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Sir:

**INFORMATION DISCLOSURE STATEMENT FOR CONSIDERATION**  
**BY THE OFFICE UNDER 37 C.F.R. 1.97-1.99**

Enclosed herewith are patents and/or publications for consideration by the Patent and Trademark Office in regard to the invention claimed in the above-described application. In compliance with §1.56, such documents are listed in the enclosed Form PTO-1449.

Applicants request that the Patent and Trademark Office make of record the above-identified documents. A full text copy of each document is attached, except for copies of U.S. patents and U.S. patent application publications. For documents not in English, an English translation or an equivalent English language patent or publication may be attached. Where a translation is not available, a concise explanation of the relevance of each document not in English is included either here or in the specification.

This Information Disclosure Statement (hereinafter "Statement") is submitted according to the following selected paragraph:

- I. ☒ This Statement is being filed under §1.97(b) within three months of the filing date of the application (other than a CPA), or before the mailing of a first Office action on the merits or before the mailing of a first Office action after the filing of a request for continued examination.
- II. ☐ This Statement is being filed under §1.97(c), with fee, **prior** to the mailing date of any of a final action, a notice of allowance or an action that otherwise closes prosecution in the application. Please charge the fee required by §1.17(p) to Eastman Kodak Company Deposit Order Account Number 05-0225. A duplicate copy of this Certification is enclosed.

III. ☐ This Statement is being filed under §1.97(c), with a certification under, §1.97(e) **prior** to the mailing date of any of a final action, a notice of allowance or an action that otherwise closes prosecution in the application. The undersigned hereby states that (check one):

☐ each item of information contained in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement.

☐ no item of information in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this certification under §1.97(e) after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this Statement.

IV. ☐ This Statement is being filed under §1.97(d), with fee and certification under §1.97(e), on or after the mailing date of either a final action, a notice of allowance (but prior to payment of the issue fee) or an action that otherwise closes prosecution in the application. Please charge the fee required by §1.17(p) to Eastman Kodak Company Deposit Order Account No. 05-0225. A duplicate copy of this Certification is enclosed. The undersigned hereby states that (check one):

☐ each item of information in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement.

☐ no item of information in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this certification under §1.97(e) after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this Statement.

Respectfully submitted,



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Enclosures

<b>FORM PTO-1449</b> <b>US DEPARTMENT OF COMMERCE</b> <b>PATENT AND TRADEMARK OFFICE</b>			Atty. Docket No. <b>83094RRS</b> Customer No. 01333		Serial No. <b>To be assigned</b>	
If AFTER the later date of the first Office Action or 3 months from filing, use only with Rule 97(E) Certificate or Fee  <b>LIST OF ART CITED BY APPLICANT</b> <i>(Use several sheets if necessary)</i>			Applicant: <b>James W. Cannon</b>			
			Filing Date <b>Herewith</b>		Group	
<b>U.S. PATENT DOCUMENTS</b>						
Examiner Initial*	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,971,065	07-20-1976	Bayer			
	4,603,966	08/05/1986	Brownstein			
	4,642,678	02-10-1987	Cok			
	4,685,143	08-04-1987	Choate			
	4,955,064	09-04-1990	Shirasaka et al.			
	4,969,202	11-06-1990	Groezienger			
	5,001,507	03-19-1991	Iida et al.			
	5,016,107	05-14-1991	Sasson et al.			
	5,081,689	01-14-1992	Meyer et al.			
	5,103,254	04-07-1992	Bell et al.			
	5,142,380	08-25-1992	Sakagami et al.			
	5,150,143	09/22/1992	Ohno et al.			
	5,164,831	11-17-1992	Kuchta et al.			
	5,172,234	12/15/1992	Arita et al.			
	5,227,824	07-13-1993	Yoshida et al.			
	5,266,985	11/30/1993	Takagi			
	5,361,119	11-01-1994	Shida et al.			
	5,373,322	12-13-1994	Laroche et al.			
	5,389,988	02/14/1995	Daitoku			
	5,440,369	08-08-1995	Tabata et al.			
	5,444,798	08-22-1995	Enomoto et al.			
	5,446,804	08-29-1995	Allebach et al.			
	5,455,654	10-03-1995	Suzuki			
	5,477,264	12-19-1995	Sarbadhikari et al.			
	5,486,893	01/23/1996	Takagi			
	5,496,106	03-05-1996	Anderson			
	5,548,327	08/20/1996	Gunday et al.			
	5,557,328	09-17-1996	Ishihama et al.			
	5,557,358	09-17-1996	Mukai et al.			
	5,563,655	10/08/1996	Lathrop			
	5,563,718	10/08/1996	Wober et al.			
	5,583,593	12/10/1996	Terada			
	5,619,265	04/08/1997	Suzuki et al.			
	5,619,738	04/08/1997	Petruchik et al.			
	5,634,040	05/27/1997	Her et al.			
	5,663,759	09/02/1997	Horng et al.			
	5,666,215	09/09/1997	Fredlund et al.			
	5,666,566	09/09/1997	Gu et al.			
	5,668,597	09/16/1997	Parulski et al.			
	5,675,358	10/07/1997	Bullock et al.			

## U.S. PATENT DOCUMENTS (CONTINUED)

Examiner Initial*	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,675,400	10/07/1997	Stephenson, III			
	5,697,001	12/09/1997	Ring et al.			
	5,706,049	01/06/1998	Moghadam et al.			
	5,710,954	01/20/1998	Inoue			
	5,715,483	02/03/1998	Omata et al.			
	5,734,425	03/31/1998	Takizawa et al.			
	5,740,479	04/14/1998	Soma et al.			
	5,742,233	04/21/1998	Hoffman et al.			
	5,743,609	04/28/1998	Bauer et al.			
	5,754,230	05/19/1998	Tsuruta			
	5,760,917	06/02/1998	Sheridan			
	5,765,045	06/09/1998	Takagi et al.			
	5,784,658	07/21/1998	Hata et al.			
	5,796,428	08/18/1998	Matsumoto et al.			
	5,822,625	10/13/1998	Leidig et al.			
	5,828,406	10/27/1998	Parulski et al.			
	5,845,166	12/01/1998	Fellegara et al.			
	5,874,994	02/23/1999	Xie et al.			
	5,877,809	03/02/1999	Omata et al.			
	5,892,991	04/06/1999	Hamada et al.			
	5,898,779	04/27/1999	Squilla et al.			
	5,909,598	06/01/1999	Kadohara			
	5,926,218	07/20/1999	Smith			
	5,930,539	07/27/1999	Tanaka			
	5,933,137	08/03/1999	Anderson			
	5,940,121	08/17/1999	Mcintyre et al.			
	5,943,050	08/24/1999	Bullock et al.			
	5,966,553	10/12/1999	Nishitani et al.			
	5,973,734	10/26/1999	Anderson			
	5,978,016	11/02/1999	Lourette et al.			
	6,004,061	12/21/1999	Manico et al.			
	6,005,613	12/21/1999	Endsley et al.			
	6,018,362	01/25/2000	Suzuki et al.			
	6,018,397	01/25/2000	Cloutier et al.			
	6,020,920	02/01/2000	Anderson			
	6,058,248	05/02/2000	Atkins et al.			
	6,061,523	05/09/2000	Kim			
	6,067,114	05/23/2000	Omata et al.			
	6,072,586	06/06/2000	Bhargava et al.			
	6,075,926	06/13/2000	Atkins et al.			
	6,091,902	07/18/2000	Komatsuzaki et al.			
	6,092,023	07/18/2000	Kunishige			
	6,097,901	08/01/2000	Parulski			
	6,122,455	09/19/2000	Hines			
	6,137,534	10/24/2000	Anderson			
	6,167,469	12/26/2000	Safai et al.			
	6,188,432	02/13/2001	Ejima			
	6,195,511 B1	02/27/2001	Harada			

## U.S. PATENT DOCUMENTS (CONTINUED)

Examiner Initial*	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,205,296 B1	03/20/2001	Hamada et al.			
	6,215,523 B1	04/10/2001	Anderson			
	6,229,566 B1	05/08/2001	Matsumoto et al.			
	6,240,258 B1	05/29/2001	Yoshikawa			
	6,252,989	06/26/2001	Geisler et al.			
	6,256,061 B1	07/03/2001	Martin et al.			
	6,259,857	07/10/2001	Miyahara et al.			
	6,262,769 B1	07/17/2001	Anderson et al.			
	6,266,085	07/24/2001	Kato et al.			
	6,269,357 B1	07/31/2001	Nakayama et al.			
	6,275,260	08/14/2001	Anderson			
	6,282,231	08/28/2001	Norman et al.			
	6,282,317	08/28/2001	Luo et al.			
	6,287,252	09/11/2001	Lugo			
	6,294,993	09/25/2001	Calaman			
	6,310,648 B1	10/30/2001	Miller et al.			
	6,332,059 B1	12/18/2001	Kamata et al.			
	6,333,761 B2	12/25/2001	Yasuda			
	6,345,274	02/05/2002	Zhu et al.			
	6,438,323	08/20/2002	DeCecca et al.			
	6,477,333 B1	11/05/2002	Manabe et al.			
	6,505,003 B1	01/07/2003	Malloy Desormeaux			
	6,516,154 B1	02/04/2003	Parulski et al.			
	6,577,821 B2	06/10/2003	Malloy Desormeaux			
	2002/0019584	02/14/2002	Schulze et al.			
	2002/0076100	06/20/2002	Luo			
	2003/0117511 A1	06/26/2003	Belz et al.			

## FOREIGN PATENT DOCUMENTS

Examiner Initial*	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	WO 01/26021	04/12/2001	PCT			X	
	WO 02/27640	04/04/2002	PCT			X	
	WO 01/71636	09/27/2001	PCT			X	
	2001/116985	10/12/1999	JAPAN				X

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	"Looking at Pictures: Affective facial, visceral, and behavioral reactions", by Peter J. Lang et al., Psychophysiology, 30 (1993) 261-273
	"FotoFile: A Consumer Multimedia Organization and Retrieval System", by Allan Kuchinsky et al.
	"Facial Expression Recognition using a Dynamic Model and Motion Energy", by Irfan Essa et al. MIT Media Laboratory Perceptual Computing Section Technical Report No. 307, pages 1-8
	Digital Still Camera Image File Format Standard, Version 2.1, July 1998, Japan Electronic Industry Development Association
	"Behind Blue Eyes" by Claire Tristram, Technology Review, May 2001
	Compact Flash Specification Revision 1.4, Compact Flash Association, July 1999

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.